INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI
(A State University established by Govt. of NCT of Delhi)

Date: 8 September 2022

Graphics Research Group (GRG) and HMI Lab at IIIT-Delhi invite applications for the position of 1 Ph.D. for working on "Gamification for learning" under Dr. Ojaswa Sharma and Dr. Jainendra Shukla. Candidates having excellent academic record and a keen interest in research are encouraged to apply.

About the project:
Gamification of learning provides better engagement and understanding. The availability of a rich set of software tools opens up opportunities for developing interactive and engaging content and designing various other enabling technologies. The gamification of any content requires significant human expertise in designing, and animation. This is typically quite expensive and time-consuming. Further, the user experience of the gamified content in its current state fails to leverage the multimodal approach that could utilize the traditional animations and the new media technologies, including augmented reality (AR) and virtual reality (VR). The objective of this research project is to investigate gamification of education content and develop a framework for automated (or semi-automated) educational content authoring using current computer graphics, computer vision, and AI/ML techniques. Such a framework will support stakeholders, such as teachers in high school, for efficiently developing gamified educational content.

Monthly remuneration	As per institute norms. For more details on the PhD program eligibility and regulations, please visit https://www.iiitd.ac.in/admission/phd
Essential qualifications and experience	- Bachelor's or Master's degree in Computer Science with good academic record - Minimum CGPA of 8.0/10.0 or 75% aggregate - Knowledge of computer graphics and computer vision - Experience with android/iOS development - Excellent programming skills in C/C++, and Python - Good interpersonal and communication skills (both oral and written)
Last date for application submission	8 October 2022 However, position will fill as soon as a suitable candidate is found.

To apply, please fill up and submit the following form: https://forms.gle/YK6qS2NxZxkp1Z9n6

For more information on our research, please visit the Graphics Research Group website https://graphics.iiitd.edu.in/ and HMI Lab website https://hmi.iiitd.edu.in/

For Indraprastha Institute of Information Technology,
Dr. Ojaswa Sharma
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